

Joint Munitions Command

Ready – Reliable – Lethal



The Ammunition Enterprise

Power of the LCMC:

Gaining Synergy via Focused Research & Development, Acquisition, and Logistics to Maximize Warfighter Readiness

Mission: "To execute integrated munition & lethality systems life cycle management through a team of world class technology, acquisition and logistics professionals who provide effective, available, and affordable munitions and lethality for the Joint Warfighter."



Dr. Gerardo J. Melendez
Director
Armament, Research,
Development &
Engineering Center



- 3800 People/2500 Scientists & Engineers
- 27 Full Matl Rel, 38 Urgent Matl Rel since 2008
- Malcolm Baldrige Winner



Commanding General
Joint Munitions & Lethality LCMC



BG Gustave Perna
Commanding General
Joint Munitions Command



SMCA Field Operating Activity

- 13,300 People (Mil, Civ & Contractor)
- 15 Plants & Depots
- 300,000 Short Tons of Ammo to OIF/OEF



Army



Navy
(Lethality)



Air Force



OUSD
(AT&L)



Marines



BG Jonathan Maddux
Program Executive
Officer Ammunition



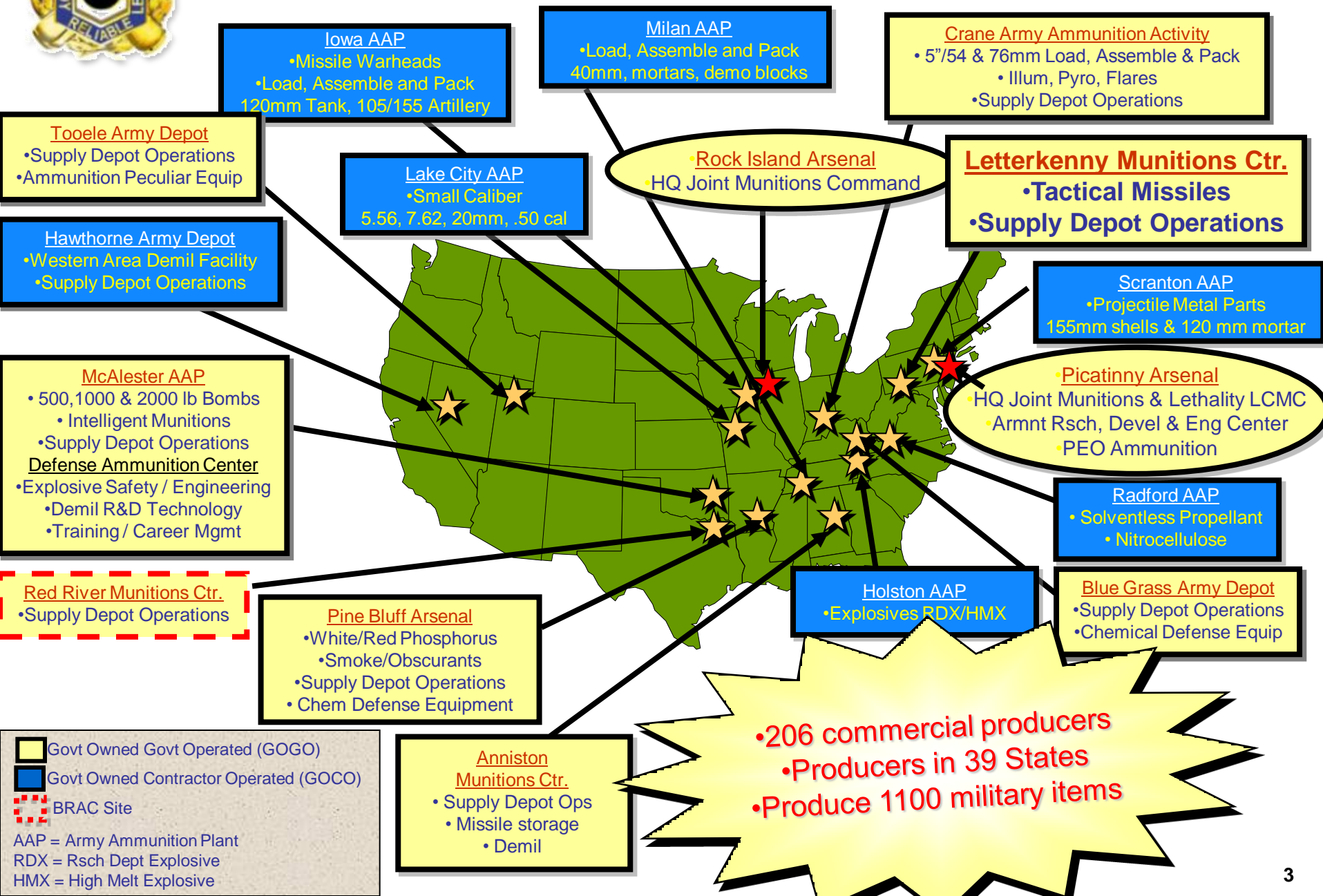
SMCA Executor

- 380 People (Mil, Civ & Contractor)
- 283 Industrial Partners (45 Foreign)
- 153 Materiel Release & 48 Type Classification (2002-2009)
- 650+ Active Programs





Ammo Enterprise





Letterkenny Munitions Center Organization



206 DA Civilian Positions

208 On Board

Additional DoD Civilians:

1 HQ JMC Employee

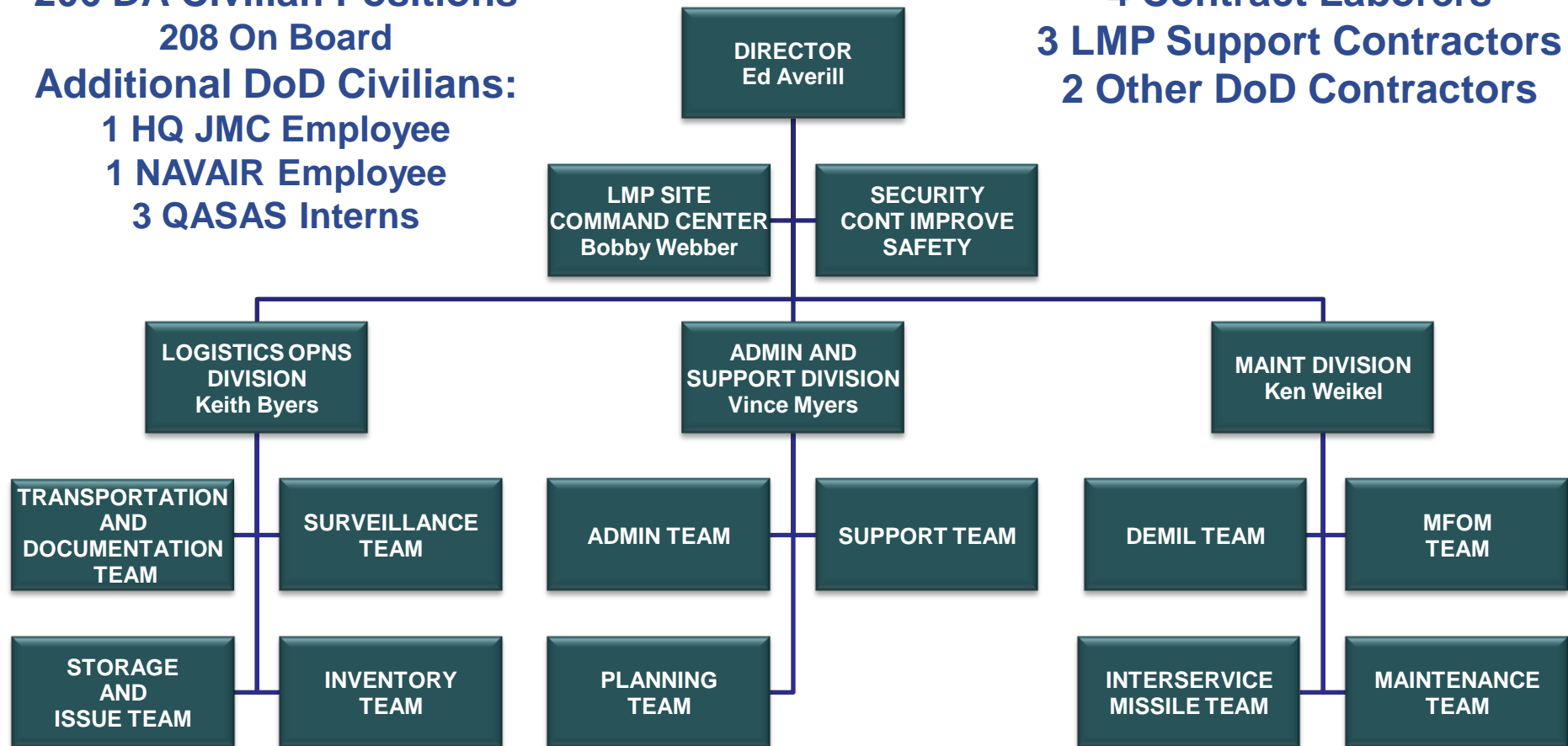
1 NAVAIR Employee

3 QASAS Interns

4 Contract Laborers

3 LMP Support Contractors

2 Other DoD Contractors



Annual Payroll \$12,032,794

Ready - Reliable - Lethal





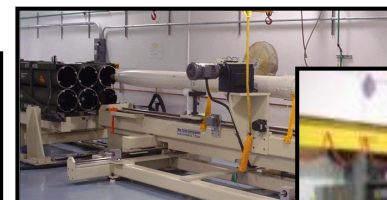
Letterkenny Munitions Center Core Capabilities



Power Projection



Supply Depot Operations



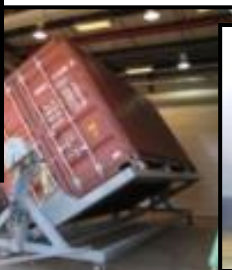
Missile



Shipping, Receiving,
Surveillance, Inspection,
Inventory, Storage,
Transportation,
Maintenance, Demil, DoD
Tactical Missile Center



Container Repair



Demil



Missile R3



Non-Destructive Testing

Ready - Reliable - Lethal





Letterkenny Munitions Center Infrastructure



- 16,000 Acres (Total LEAD is 18,668 acres)
- 902 Earth Covered Magazines
- 10 Above Ground Magazines
- 16 Operating buildings - 158,554 sq ft
- 152 Other Buildings
- 28 miles of rail
- 124 miles of paved road
- 25 Rail Docks
- 2 Containerization Facilities
- Demo Ground/Burning Ground (with final RCRA Part B Permit)
- Fiber Optic lines to all facilities



Major Airheads and Ports:

- Dover AFB 182 Miles
- McGuire AFB 191 Miles
- Sunnypoint 495 Miles
- Bayonne/ Earle NWS 219 Miles
- Norfolk 281 Miles



No encroachment issues!



Major Transportation Routes

- I-81 9 Miles
- I-76 10 Miles
- I-70 32 Miles
- CSX Rail Interchange On Installation
- Norfolk Southern Interchange 15 Miles



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Letterkenny Munitions Center Outloading



Power Projection

- 2 Containerization Facilities
- Each capable of 100 containers at a time
- Mission requires outload 114 containers every 24 hours
 - Physical plant capable of 300+
- 25 other rail docks



Supply Depot Operations

- Receiving, Storage and Issue of Munitions
- Transportation Office, Inventory & Surveillance
- Conventional ammunition Maintenance
 - 902 Earth Covered Magazines (303 double door)
 - 10 Above Ground magazines
 - 24 Warehouses
 - 17 Explosive Operating Buildings
- Foreign Ammo



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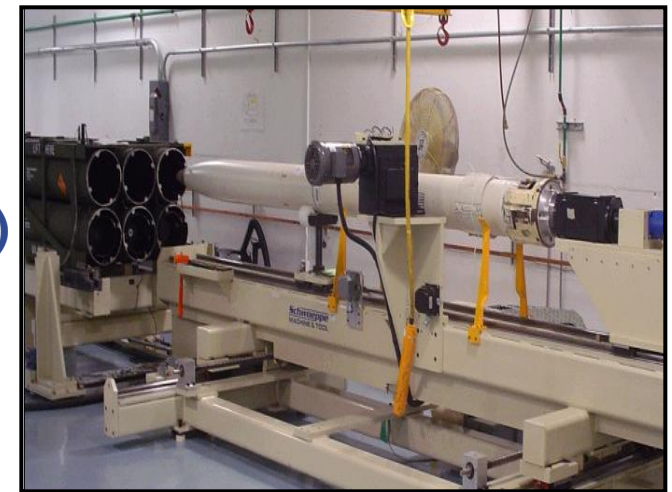




Letterkenny Munitions Center Army Missile Systems



- **Army Tactical Missile System (ATACMS)**
 - Premier battlefield missile
 - 2.5 ton missile
 - Up to 300km range
 - Pinpoint accuracy, ± 10 feet at 150km



Only depot capability in the world!

- **Guided Multiple Launch Rocket System (GMLRS)**
 - Same guidance system as ATACMS
 - Full organic capability 31 Mar 09
 - Approximately half of all GMLRS to be produced will be stored at LEMC
 - Support to Marine Corps GMLRS
 - FMS support
 - Mobile maintenance teams

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Letterkenny Munitions Center Interservice Missiles



- Storage
- Stockpile Reliability
- All-Up-Rounding
- Electronic Test
- Repair
- Parts Reclamation



HARM - Air Force & Navy



*TALD – Navy
MALD – Air Force*



AMRAAM – Air Force



AARGM - Navy



Sidewinder - Air Force & Navy



JASSM - Air Force

- Modification
- Disassembly and Demil
- Container repair
- Mobile Maintenance Teams

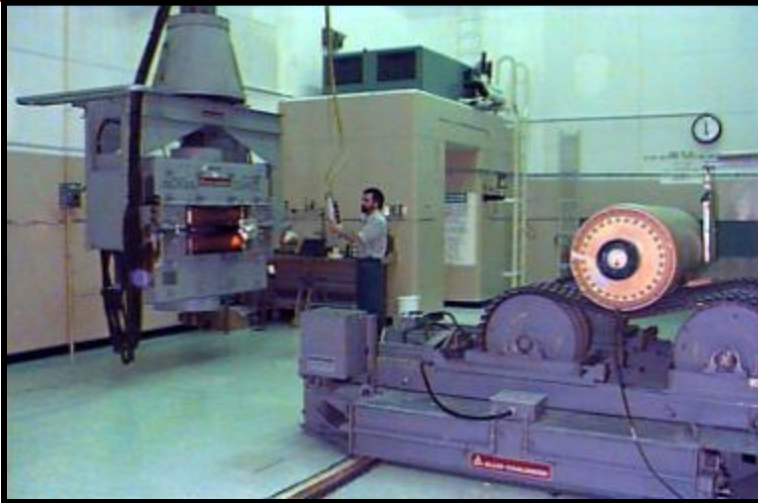
**Only depot for Air Force HARM, Sidewinder, JASSM, AMRAAM
Navy HARM and AARGM!**

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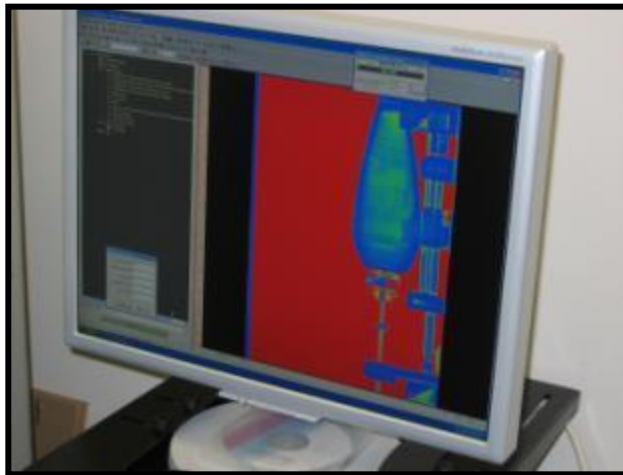




Letterkenny Munitions Center Non-Destructive Testing



- Certified level III IAW NAS-410
- Both fixed and portable X-Ray
 - Largest capable of penetrating 20" armor
 - Film and Real Time
- Portable ultrasonic thickness and flaw detection
- Magnetic particle inspection
- Liquid penetrant inspection



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Letterkenny Munitions Center Container Repair



- MILVAN's
- Missile Containers
 - Repair
 - Modify
 - Fabricate



- Metal repair
- Welding
- Sandblast
- Paint



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Letterkenny Munitions Center Demilitarization



- **Current operations**

- OB/OD is fully permitted under RCRA Part B
- 500 lbs NEW per demo shot, 10 to 28 shots per day
- 500 lbs per burn tray, 24 trays
- Static fire of rocket motors

- **Recycle of scrap material**



- Explosives recovery for unitary warhead missiles
- Rocket Motor Demil
 - 8,000 MLRS & 2,000 other service motors/ year
 - Thermal treatment process (TBD)
 - MLRS warheads shipped off-site (current plan)
 - Off-station motors shipped to LEMC
- Teamed with AMCOM, AMRDEC, USACE, DAC, and AMTEC
- Begin Low Rate Initial Production ~ FY14
- Full production - FY15



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Letterkenny Munitions Center

- ***Northeast Regional Depot***
- ***Tactical Missile Center***
- ***Power Projection***



Questions?